




Montana Department of Transportation  
PO Box 201001  
Helena, MT 59620-1001

Memorandum

To: Distribution

From: Paul Ferry, P.E.  
Preconstruction Design Engineer 

Date: December 15, 2003

Subject: Colored Concrete


The performance and consistency of colored concrete has been shown to be poor or not uniform when the coloring is applied as a surface treatment to the concrete. To improve the performance of colored concrete, we are requiring that integrally colored concrete (meaning the coloring agent is included in the concrete batching process and the color is dispersed throughout) must be specified when colored concrete is used for items such as curb ramps and concrete median caps.

Use the attached special provision in all projects that require colored concrete.

If you would like additional information, please call me at 444-6244.

pf

Attachments

Distribution:	C. S. Peil,	Preconstruction Engineer
	R. E. Williams	Road Design Engineer
	 T. S. Martin	Consultant Design Engineer
	Ray Mengel	Glendive District Administrator
	L. Tribelhorn	Butte District Engineering Services Supervisor
	Gary Neville	Billings District Engineering Services Supervisor
	Dwane Kailey	Missoula District Engineering Services Supervisor
	Jason Giard	Great Falls District Engineering Services Superv
	M. A. Wissinger,	Construction Engineer
	D. Williams	Traffic Engineer
	P. Ferry	Preconstruction Design Engineer

## Draft Special Provision

### X. COLORED CONCRETE

Place integrally colored concrete at all curb ramp locations, median curbs or other colored concrete designated on the plans. Use the proper proportion of integral color concrete admixture in all concrete designated in the plans and special provisions. Use a single-component, pigmented, water-reducing admixture, factory formulated in packaged cubic meter increments. Ensure that the color is uniformly dispersed throughout the concrete and that the color of the concrete is consistent throughout the project.

Batch, place, finish, cure and caulk in accordance with the manufacturer's recommendations. Obtain written approval for the admixture from the engineer.

Include all costs for colored concrete in the unit price bid for the respective contract item.